

HANDS-ON TRAINING COURSE



NEW NEW NEW NEW NEW

2-Week US DOE Nuclear Criticality Safety Course Offering for 2012

Week 1 at Los Alamos National Laboratory

- ◆ DOE expectations for criticality safety regulations, standards and guides
- ◆ Major emphasis on practical student exercises to developing criticality safety evaluations with:
 - TA-55/PF-4 tours and examples
 - DOE-STD-3007-2007 compliance
 - Proper utilization of NDA measurement data
 - Role of Hazards Analysis
 - Human Factors
 - Equipment Reliability



Week 2 at the Nevada National Security Site for students with Q/L clearances

- ◆ Major emphasis on “hands-on” subcritical and “remote” critical experiments

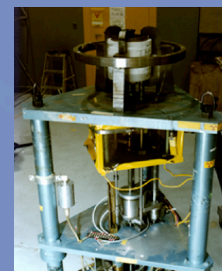


Flattop
Critical
Assembly

HEU Training
Assembly for
Criticality
Safety (TACS)



HEU Foils and Lucite Plates
Hand Stacking and Remote
Critical Assembly

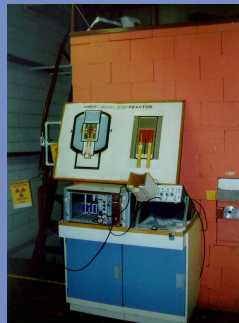


Godiva IV Fast
Burst Reactor



Pu BeRP
Ball with
Polythene
Reflector
Shells

Week 2 (alternative) at Sandia National Laboratory



AGN-201M
Reactor



BUCCX LEU
Critical
Assembly



7uPCX IEU
Critical
Assembly

Registration, syllabus,
prerequisites, logistics,
and contact information
available **October 2011**

Check the NCSP website
at <http://ncsp.llnl.gov>